



# Tubac

## Typical Water Quality Information

**PWSID Number:** 04-12-001

**Area Served:** City of Tubac

### Where Does My Water Come From?

All of the water provided by Arizona American Water comes from groundwater pumped from the Southern Section of the Upper Santa Cruz Valley (USCV) Sub-Basin. The Southern Section of the USCV Sub-Basin is principally the Santa Cruz River Valley from the Santa Cruz-Pima County line to the U.S.-Mexico Border. Groundwater is found in alluvium and other sediments along the Santa Cruz River Valley. Depth to groundwater in the Tubac area is typically less than 200 feet.

The water supply is distributed for residential and commercial use

### Average amount of water supplied to customers on a daily basis

253,000 gallons per day

Parameter	Average or Range	Comments
pH	7.1 – 8.1	A measurement of water acidity, 7.0 is neutral
Total Hardness (as CaCO <sub>3</sub> )	34.2 – 290.7 mg/L	No MCL - Naturally occurring
Total Hardness (as CaCO <sub>3</sub> ) grains/gallon	2 – 17 gpg	No MCL - Naturally occurring
Fluoride	0.6 – 2.8 mg/L	Naturally occurring from erosion of natural deposits
Sodium	35 – 56 mg/L	No MCL – Informational only

<b>Parameter</b>	<b>Average or Range</b>	<b>Comments</b>
Iron	N/A	Secondary Standard Limit = 0.3 mg/L
Type of disinfection	Chlorination	Water additive used to control microbes
Disinfectant residual level in the distribution system (average)	1.0	Maximum Residual Disinfectant Level based on Running Annual Avg. < or = 4.0 mg/L
Lead [90 <sup>th</sup> percentile result]	3	Action Level = 15 µg/L
Copper [90 <sup>th</sup> percentile result]	0.34	Action Level = 1.3 mg/L
Nitrate as Nitrogen	0.69 – 1.0	MCL = 10 mg/L
Arsenic	1 - 6	MCL = 10 µg/L
Alkalinity as CaCO <sub>3</sub> , mg/L	N/A	No MCL – Informational only
Sulfate, mg/L	23 – 33.8	No MCL – Informational only
Total Dissolved Solids, mg/L	N/A	No MCL – Informational only

**Definitions**

- mg/L – milligrams per liter; one milligram per liter is equal to one part per million, which is approximately the same as 1 second in 11.5 days
- µg/L – micrograms per liter; one microgram per liter is equal to one part per billion, which is approximately the same as 1 second in 31.7 years
- N/A – not applicable
- ND – not detected
- MCL – Maximum Contaminant Level – the highest level of a contaminant allowed in drinking water under State and Federal regulations

For more information about water quality in your area, please contact  
Kevin Figgins at 623-780-3788

Other inquiries should be directed to our  
Customer Service Center at 1-800-383-0834